

RAW SEQUENCE LISTING

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Application Serial Number: 10/541,993
Source: PCT
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DATE: 07/21/2005

PATENT APPLICATION: US/10/541,993

TIME: 09:15:44

Input Set : A:\Final Sequence list-13311-00010-US.txt

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3 <110> APPLICANT: Matuschek, Markus
 4 Heinekamp, Thorsten
 5 Schmidt, Andre
 6 Brakhage, Axel
 8 <120> TITLE OF INVENTION: Method for the genetic modification of organisms of the
 genus
 9 Blakeslea, corresponding organisms, and the use of the same
 11 <130> FILE REFERENCE: 13311-00010-US
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/541,993
 C--> 13 <141> CURRENT FILING DATE: 2005-07-08
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/000100
 14 <151> PRIOR FILING DATE: 2004-01-09
 16 <150> PRIOR APPLICATION NUMBER: DE 103 00 649.4
 17 <151> PRIOR FILING DATE: 2003-01-09
 19 <150> PRIOR APPLICATION NUMBER: DE 103 41 272.7
 20 <151> PRIOR FILING DATE: 2003-09-08
 22 <160> NUMBER OF SEQ ID NOS: 80
 25 <170> SOFTWARE: PatentIn version 3.2
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 28 <211> LENGTH: 2160
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 33 <223> OTHER INFORMATION: Promoter
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 40 ttcatgggcg ttggcatgat ggccgtcatg catctgtact tcaagtacac caacgctcctt 180
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420	gtagacggtc	tgacgacacg	caaactggcg	gaacgggttg	gggttcagca	gccggcgctt	7080
422	tactggcact	tcaggaacaa	gcgggcgctg	ctcgacgcac	tggccgaagc	catgctggcg	7140
424	gagaatcata	cgcattcggt	gccgagagcc	gacgacgact	ggcgctcatt	tctgatcggg	7200
426	aatgcccgca	gcttcaggca	ggcgctgctc	gcctaccgcg	atggcgcgcg	catccatgcc	7260
428	ggcacgcgac	cgggcgccac	gcagatggaa	acggccgacg	cgcagcttcg	cttccctctgc	7320
430	gaggcggggt	tttcggccgg	ggacgcgcgt	aatgcgctga	tgacaatcag	ctacttcaact	7380
432	gttggggccg	tgtttgagga	gcaggccggc	gacagcgatg	ccggcgagcg	cgggcgccac	7440
434	gttgaacagg	ctccgctctc	gccgctgttg	cgggccgcga	tagacgcctt	cgacgaagcc	7500
436	ggtccggacg	cagcgttcga	gcagggactc	gcggtgattg	tcgatggatt	ggcgaaaagg	7560
438	aggctcgttg	tcaggaacgt	tgaaggaccg	agaaagggtg	acgattgatc	aggaccgctg	7620
440	ccggagcgca	accactcac	tacagcagag	ccatgtagac	aacatccctt	ccccctttcc	7680

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 07/21/2005

PATENT APPLICATION: US/10/541,993

TIME: 09:15:45

Input Set : A:\Final Sequence list-13311-00010-US.txt

Output Set: N:\CRF4\07212005\J541993.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 267, 475, 566
Seq#:3; N Pos. 3471, 3679, 3770
Seq#:4; N Pos. 227, 318, 526, 8946, 10028
Seq#:36; N Pos. 10264, 10472, 10563
Seq#:37; N Pos. 10264, 10472, 10563
Seq#:38; N Pos. 10264, 10472, 10563
Seq#:39; N Pos. 10264, 10472, 10563
Seq#:40; N Pos. 3471, 3679, 3770
Seq#:41; N Pos. 3471, 3679, 3770
Seq#:42; N Pos. 10264, 10472, 10563
Seq#:43; N Pos. 10264, 10472, 10563
Seq#:44; N Pos. 10264, 10472, 10563
Seq#:45; N Pos. 18970, 19178, 19269
Seq#:46; N Pos. 3471, 3679, 3770
Seq#:47; N Pos. 10264, 10472, 10563
Seq#:48; N Pos. 10264, 10472, 10563
Seq#:49; N Pos. 3471, 3679, 3770
Seq#:50; N Pos. 10264, 10472, 10563
Seq#:51; N Pos. 10264, 10472, 10563
Seq#:52; N Pos. 3, 9
Seq#:53; N Pos. 3, 6
Seq#:62; N Pos. 3471, 3679, 3770
Seq#:75; N Pos. 2694, 4263

VERIFICATION SUMMARY

DATE: 07/21/2005

PATENT APPLICATION: US/10/541,993

TIME: 09:15:45

Input Set : A:\Final Sequence list-13311-00010-US.txt

Output Set: N:\CRF4\07212005\J541993.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:240
M:341 Repeated in SeqNo=2
L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:3420
M:341 Repeated in SeqNo=3
L:754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:180
M:341 Repeated in SeqNo=4
L:3745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:10260
M:341 Repeated in SeqNo=36
L:4313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:10260
M:341 Repeated in SeqNo=37
L:4935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:10260
M:341 Repeated in SeqNo=38
L:5537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:10260
M:341 Repeated in SeqNo=39
L:5911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:3420
M:341 Repeated in SeqNo=40
L:6553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:3420
M:341 Repeated in SeqNo=41
L:7423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:10260
M:341 Repeated in SeqNo=42
L:8037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:10260
M:341 Repeated in SeqNo=43
L:8629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:10260
M:341 Repeated in SeqNo=44
L:9511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:18960
M:341 Repeated in SeqNo=45
L:9669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:3420
M:341 Repeated in SeqNo=46
L:10633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:10260
M:341 Repeated in SeqNo=47
L:11251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:10260
M:341 Repeated in SeqNo=48
L:11621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:3420
M:341 Repeated in SeqNo=49
L:12491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:10260
M:341 Repeated in SeqNo=50
L:13139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:10260
M:341 Repeated in SeqNo=51
L:13430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0
L:13453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
L:13691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:3420
M:341 Repeated in SeqNo=62
L:14577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:2640
M:341 Repeated in SeqNo=75